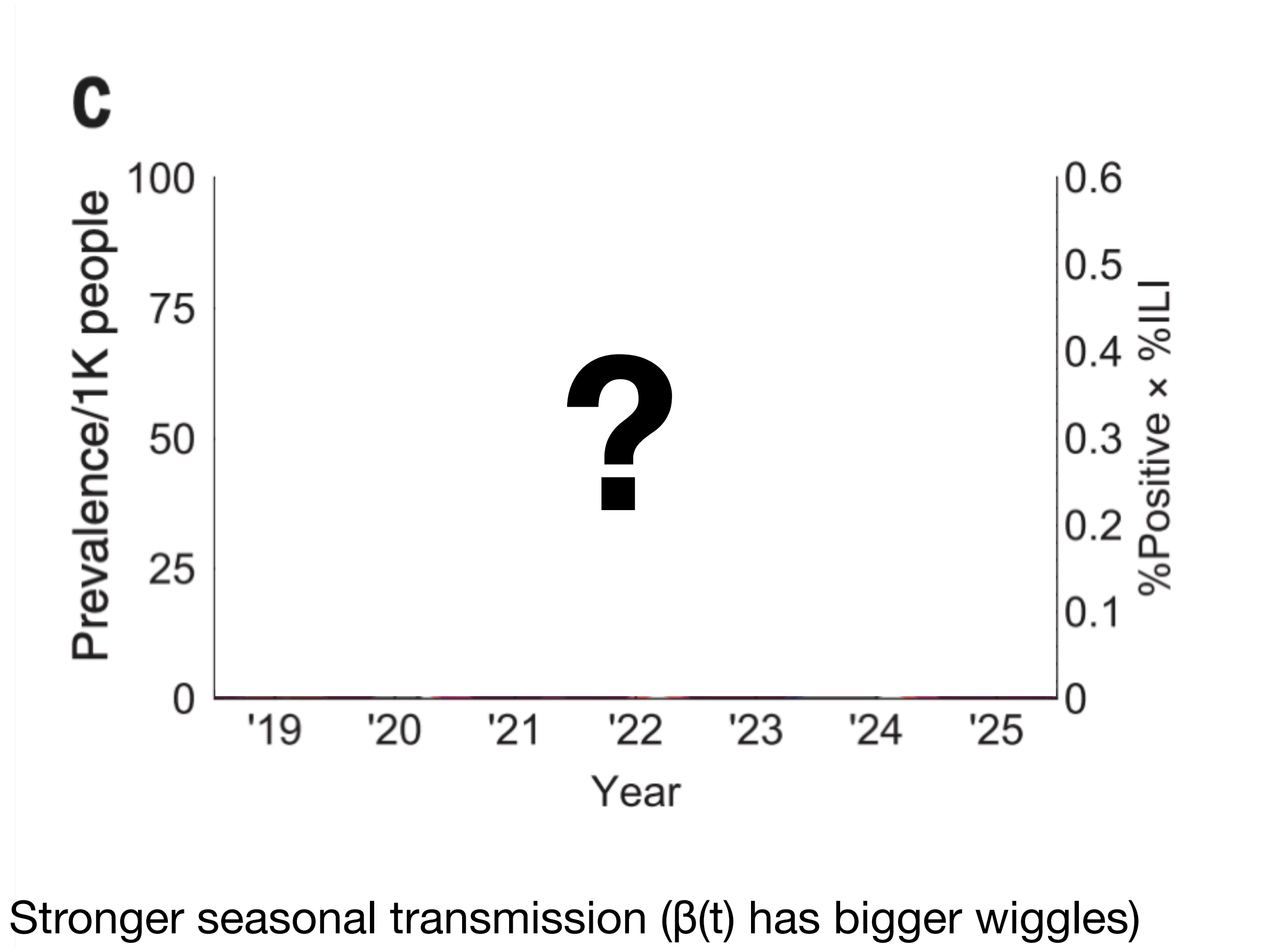
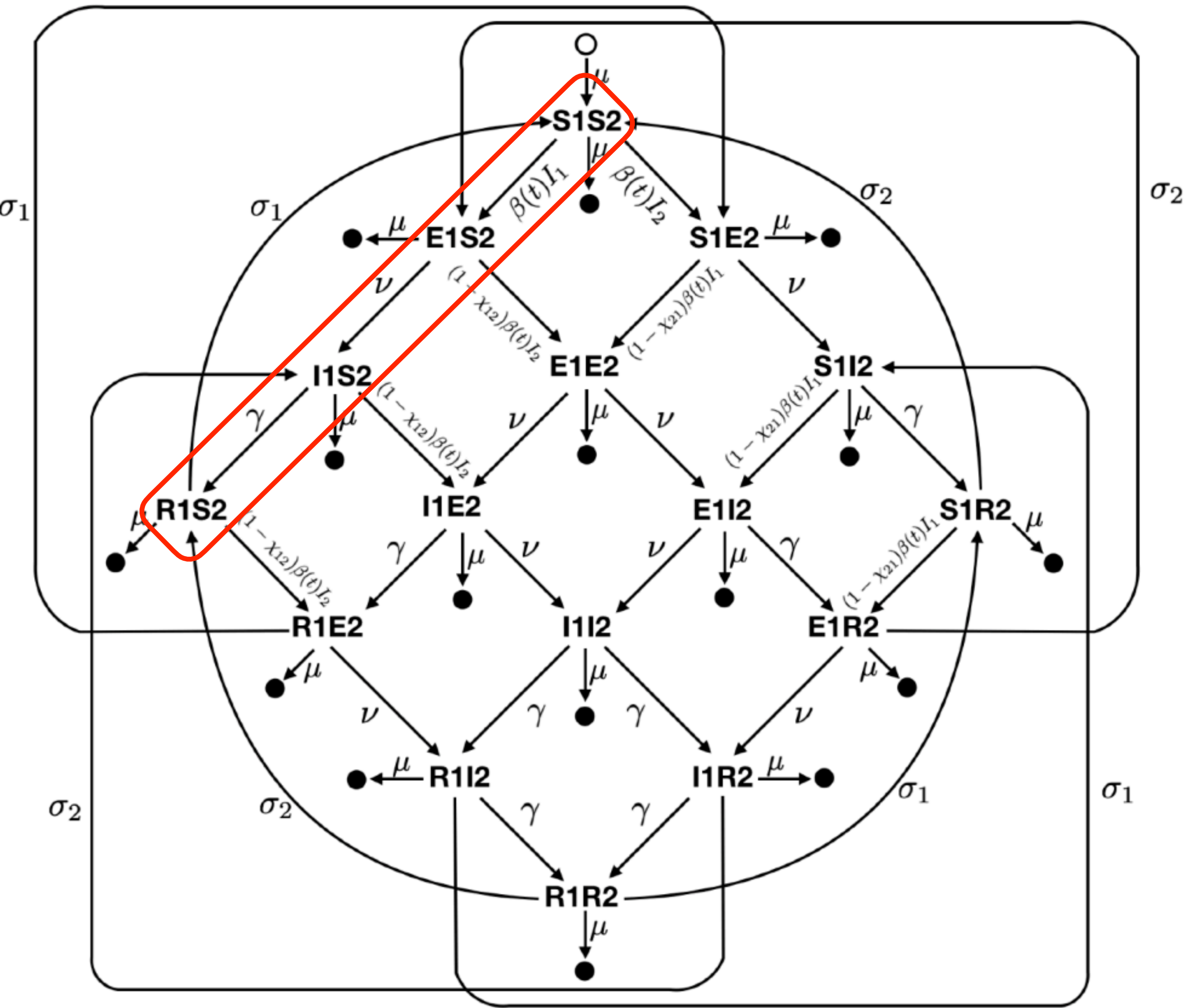
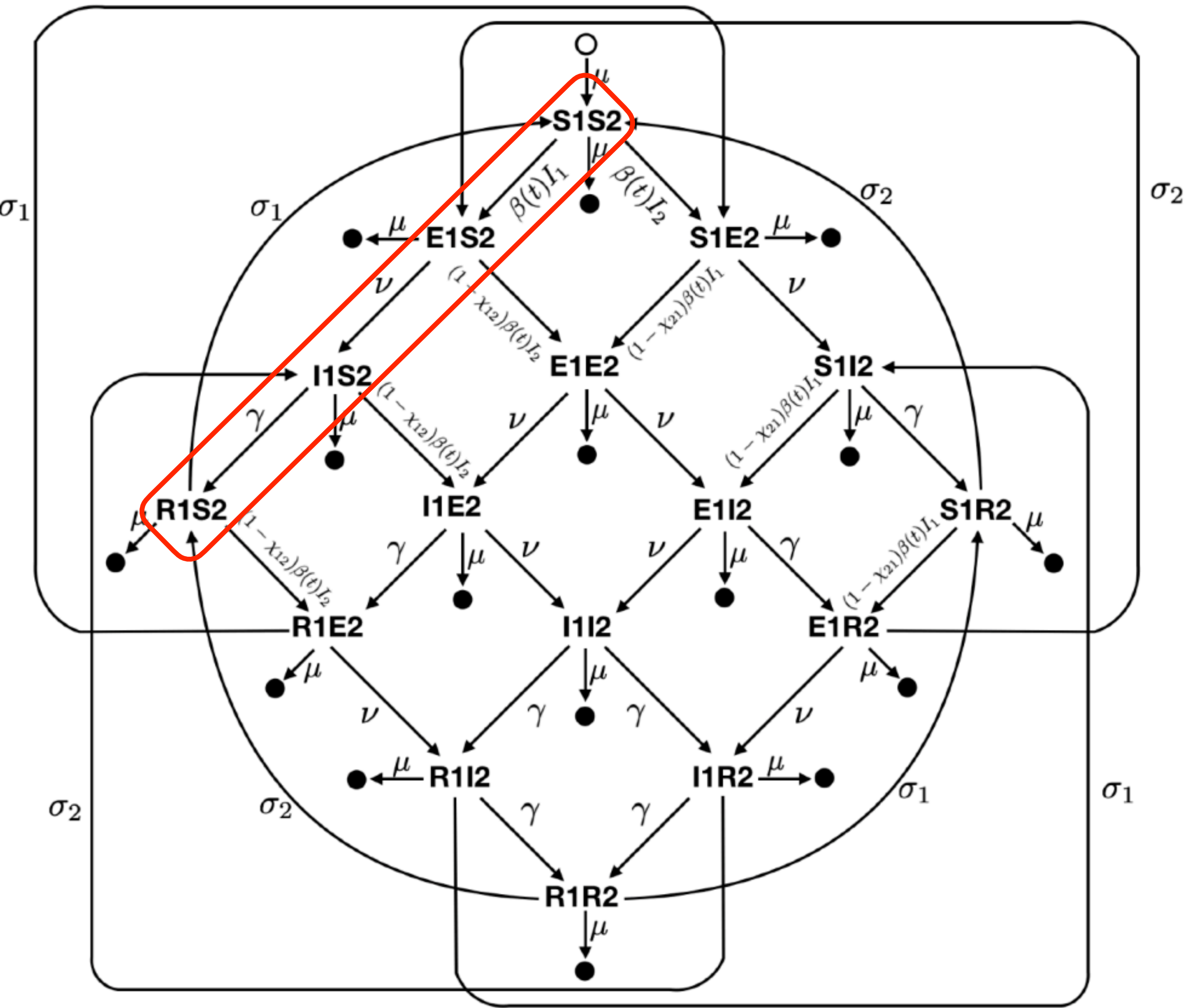


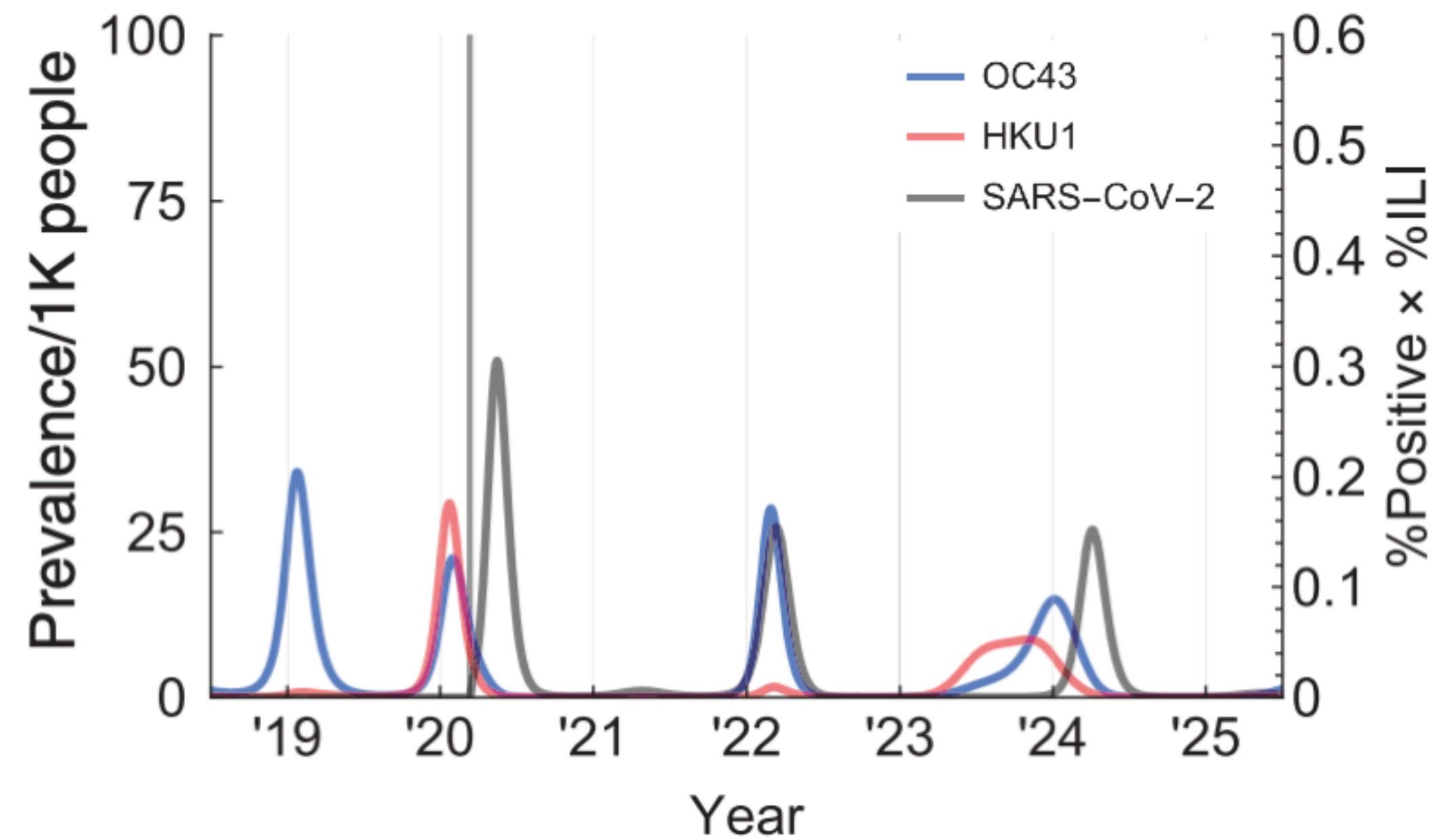
# The full model



# The full model



**c**



Stronger seasonal transmission ( $\beta(t)$  has bigger wiggles) can yield a smaller summer outbreak but larger winter outbreaks